

the flash was very severe, but produced no evil effect; the lightning had spread itself over the surface, and left its mark at each interruption of the conductor, but did no damage. It was said at the University, that the Rotunda had been frequently struck without injury.

Mr. Fraley, on behalf of the Committee appointed to adjust the claim of Mr. Wm. D. Lewis, reported that the proposed arrangement had been made, and the bonds of the Society delivered and cancelled.

Dr. Patterson presented to the Society an application from the chairman of a joint committee of the City Councils and the County Board, for the purchase of the Society's property, which was referred to a special Committee, consisting of Dr. Patterson, Mr. Fraley, and Mr. Coles, to report thereon.

On motion of Dr. Horner, the head of the Mastodon, belonging to the Society, was placed in the custody of the University of Pennsylvania, to be put in the Wistar Museum.

Stated Meeting, July 18.

Present, fourteen members.

Dr. FRANKLIN BACHE, Vice-President, in the Chair.

Letters were received and read:—

From the Linnæan Society, dated London, 18th April, 1845, acknowledging the receipt of donations from this Society: and,—

From A. D. Bache, dated Washington, 24th June, 1845, announcing a donation from the Treasury Department of the United States.

The following donations were announced:—

FOR THE LIBRARY.

Flora Batava, ou Figures et Descriptions de Plantes Beligiques. Par Jan Kops and J. E. van der Trappen. Livraisons No. 134, 135, 136. 4to. Title and Indexes of Vol. VIII.—*From H. M. the King of the Netherlands.*

- Proceedings of the Geological Society of London. Vol. IV. Part 2. Nos. 99, 100. 1843, 1844. 8vo.—*From the Society.*
- List of the Geological Society of London, March 1, 1845. 8vo.—*From the same.*
- Map of New York Bay and Harbour, and the Environs. Founded upon a Trigonometrical Survey, under the direction of F. R. Hassler. Triangulation by James Ferguson and Edmund Bluut. The Hydrography under the direction of T. R. Gedney. The Topography by C. Renard, T. A. Jenkins, and B. F. Sands. Published in 1845. Alexander D. Bache, Superintendent Coast Survey.—*From the U. S. Treasury Department.*
- The African Repository and Colonial Journal. Vol. XXI. July, 1845. No. 7. 8vo.—*From the American Colonization Society.*
- Proceedings of the Academy of Natural Sciences of Philadelphia. Vol. II. May and June, 1845. No. 9. 8vo.—*From the Academy.*
- The American Journal of the Medical Sciences. Edited by Isaac Hays, M.D. No. XIX. July, 1845. Vol. X. 8vo.—*From the Editor.*
- The Medical News and Library. Vol. III. July, 1845. No. 31. 8vo.—*From Messrs. Lea & Blanchard.*
- Tijdschrift voor Natuurlijke Geschiedenis en Physiologie. Eelfde Deel. 3^e en 4^e Stuk. 1844. 8vo. Twaalfde Deel. 1 Stuk. 1845. 8vo.—*From the Editors.*
- Journal of the Franklin Institute of the State of Pennsylvania. Third Series. Vol. X. July, 1845. No. 1. 8vo.—*From Dr. R. M. Patterson.*
- Observations on the Means of forming and maintaining Troops in Health in different Climates and Localities. By Assistant Surgeon Edward Balfour. Madras. 8vo.—*From Joseph Hume, M.P.*
- Description of the Teeth of a New Fossil Animal, found in the Green Sand of South Carolina. By Robert W. Gibbes, M.D. From the Proceedings of the Academy of Natural Sciences. 8vo.—*From the Author.*
- The Merchants' Magazine for May, 1845. No. 5.—*From Henry C. Carey, Esq.*

Mr. Beck stated, that during thirty-six years, his thermometer had never reached within five degrees of its late height;

the same thermometer had been used during this time, and had been for six years in the same place: the thermometer was within the house, and had this summer reached 96° and 97° . He believed it to have been the warmest period within his recollection.

Mr. G. W. Smith cited several years in which the temperature had been very high.

Dr. Patterson remarked, that Mr. Bull had just mentioned to him that he had, in 1818, carefully examined a thermometer fairly placed in the shade, and found it to rise, on three successive days, to 103° . Dr. P. also mentioned, that upon the occasion of an alteration in the University buildings in this city, while the workmen were busy upon the roof, he had the curiosity to take a thermometer to the roof, where he found that the temperature was 137° . Upon a dark gravelly soil at the University of Virginia, he found the temperature between 160° and 170° .

Dr. Coates mentioned some experiments, tried by wrapping a thermometer bulb in black wool, and exposing it to the sun's rays: he succeeded several times in raising the temperature to 130° , and once to 142° . He also put the thermometer, wrapped in black wool, in a window with inside shutters, and with a westwardly exposure; at about 4 o'clock, P. M., the temperature rose to 172° .

In consequence of the want of a sufficient number of members, no balloting for candidates for membership took place.

Dr. Patterson, from the Committee appointed to consider the application of the Councils and the County Board, for the purchase of the Hall, stated, that one of the members of the Committee was absent from the city, and asked that another member be added to that Committee, which was granted, and Mr. Ord was appointed upon the Committee.